Index of Claims

09/743,030 Examiner

Ramnandan Singh

Applicant(s)/Patent under Reexamination

RUTHER, RALF

Art Unit

2614

| √ | Rejected |
|---|----------|
| = | Allowed  |

| Cancelled | (Through numeral)<br>Cancelled |
|-----------|--------------------------------|
| +         | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla        | aim      | Date   |                  |               |          |          | Claim      |          |          | Date |  |          |                     |         | CI       | aim                 | Date    |                               |        |         |          |                                     |        |        |        |   |          |          |                   |   |
|------------|----------|--|------------------|---------------|----------|----------|------------|----------|----------|------|--|----------|---------------------|---------|----------|---------------------|---------|-------------------------------|--------|---------|----------|-------------------------------------|--------|--------|--------|---|----------|----------|-------------------|---|
| l _        | व        | ۵  |                  |               | - 1      |          |            |          |          |      |  | <u> </u> |                     |         |          |                     |         |                               |        |         | <u> </u> |                                     |        |        |        |   |          |          |                   |   |
| Final      | Original | 8/22/06                                      |                  |               | - 1      |          |            |          |          |      | Final  | Original |                     |         |          |                     |         |                               |        | Final   | Original |                                     |        |        |        |   |          | ł        |                   |   |
| Œ          | ٦        | 82   |                  |               |          |          |            |          |          |      | 证  | Ę.       |                     | 1       |          | li                  |         |                               |        | ίĒ      | Ĕ        |                                     |        |        |        |   |          |          |                   |   |
| <u> </u>   |          |  | Ш                | _             | _        | _        | $\Box$     |          |          |      |  |          |                     |         |          |                     |         |                               | _      |         |          |                                     |        |        |        |   |          |          |                   |   |
| L          |          | <u>[i.]</u>                                  | Ш                |               |          |          | _          |          | $\perp$  |      | $ldsymbol{ld}}}}}}}}$ | 51       |                     | $\perp$ |          |                     | $\perp$ |                               | ┛      |         | 101      |                                     | Ш      |        |        |   |          |          |                   |   |
| <u></u>    | 2        | <u>.                                    </u> | Ш                |               |          | _        | $\Box$     |          | $\perp$  |      |  | 52       |                     | $\perp$ |          | $\sqcup$            |         |                               | _      |         | 102      |                                     | Ш      |        |        |   |          |          |                   |   |
|            | حصر      | ш  | Ш                | _             | _        |          |            |          |          | _    |  | 53       |                     |         |          | $\sqcup$            | $\bot$  |                               |        |         | 103      |                                     | Ш      |        |        |   |          |          |                   |   |
| <u></u>    | -        | _  | Ш                |               | _        |          | _          |          |          |      |  | 54       |                     |         |          |                     |         |                               | _      |         | 104      | <u> </u>                            |        |        |        |   |          |          |                   |   |
| <u></u>    | ===      | Ŀ  | Щ                | _             | _        | _        | _          |          | _        | ᆜ    |  | 55       |                     |         |          |                     |         |                               | _      |         | 105      |                                     | Ш      |        |        |   |          |          |                   |   |
| <u></u>    | -0       |  | Ш                |               | _        | _        | _          |          | _        | ᆜ    |  | 56       | Ш.                  |         |          | $\sqcup$            |         |                               | _ :::: |         | 106      | L                                   | Ш      |        |        |   |          | ┙        |                   |   |
| <u> </u>   | -        | ᆸ  | Ш                |               |          | _        | _          |          | _        | _    |  | 57       |                     |         |          | L                   |         |                               | _      |         | 107      |                                     | Ш      |        |        |   |          | _        |                   |   |
|            | -0-      |  | Ш                |               | _        | _        | _          |          | _        | _    |  | 58       | $\sqcup \downarrow$ |         |          | $\sqcup$            |         |                               |        |         | 108      |                                     | Ш      |        |        |   |          |          |                   |   |
| <u></u>    | 9        | 1  |                  | _             |          | 4        | _          | _        |          | 4    |  | 59       |                     |         | 1        |                     | _       |                               | _      |         | 109      |                                     | Ш      |        |        |   | $\Box$   |          | _                 |   |
|            | 10       | Į,   | _                | _             | _        |          | _          |          | _        | [    |  | 60       | ightharpoonup       | _       |          | $\sqcup$            |         | $oxed{oxed}$                  | _      |         | 110      |                                     |        |        |        |   |          |          | _                 |   |
| <u></u>    | 11       | 7  | Ш                | _             | _        | _        | _          |          | _ļ       | _    | $\Box$   | 61       | $\sqcup$            | $\bot$  | 1        | $\sqcup$            |         | $oxed{oxed}$                  | _      |         | 111      | <u> </u>                            | Ш      |        |        |   |          |          |                   |   |
| <b>_</b> _ | 12       | 7  | K                | _             | _        | _        | _          | Щ        | _        | _    | $\sqcup$   | 62       | $\sqcup$            |         |          | $\sqcup$            |         | $oxed{oxed}$                  | 4      |         | 112      |                                     | Ш      | Ш      | $\Box$ |   | $\Box$   | [        |                   | _ |
| <u> </u>   | 13       | L  | $\sqcup$         | _             |          |          |            | $\sqcup$ | 4        | _    |  | 63       | $\sqcup$            | _       | 1_       | $\sqcup \downarrow$ | $\perp$ | Щ.                            | 4      |         | 113      | <u> </u>                            | Ш      |        | Ш      |   |          |          |                   |   |
|            | 14       | ļ  | $\sqcup$         | _             | _        |          |            | $\sqcup$ | $\dashv$ | _    | <u>                                     </u>   | 64       | $\sqcup$            | 4       | 4_       | $\sqcup \downarrow$ | _ _     | ot                            | 4      |         | 114      |                                     | Ш      | Ш      |        |   |          |          | _                 |   |
| <u> </u>   | 15       | <u> </u>                                     | $\sqcup$         | 4             | -        |          |            |          | -        | _    | <u> </u>   | 65       | $\sqcup$            | - -     | 1_       | $\sqcup$            |         | $\sqcup \! \! \! \! \! \perp$ | 4      | <u></u> | 115      | <u> </u>                            | Щ      | Щ      |        |   | _        |          | _                 |   |
| <u></u>    | 16       | <u> </u>                                     |                  | $\perp$       |          | _        |            | $\sqcup$ | $\dashv$ | _    | $\sqcup$   | 66       | $\sqcup$            |         | 4_       | $\sqcup$            |         | oxdot                         |        |         | 116      | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш      | Ш      | Ш      | Ш |          |          |                   |   |
|            | 17       | $\vdash$                                     | $\sqcup$         |               | _        |          | _          |          | _        | _    | $oxed{oxed}$   | 67       | $\sqcup$            |         | $\perp$  | $\sqcup$            | _       | <b></b>                       | _      | <u></u> | 117      |                                     | Ш      |        |        |   | $\sqcup$ | $\perp$  |                   |   |
| L          | 18       | _  |                  |               | _        | _        | _          |          |          | _    |  | 68       |                     |         | $\perp$  | $\sqcup$            |         | ot                            | _      |         | 118      |                                     | Щ      |        |        |   |          | $\perp$  | _                 |   |
|            | 19       |  | Ш                |               | _        |          |            |          | $\Box$   | _    |  | 69       |                     |         |          | Ш                   |         |                               | _      |         | 119      |                                     | Ш      |        |        |   |          |          |                   |   |
|            | 20       | _  | Ш                |               |          | _        |            |          |          | _    | <u> </u>   | 70       | $\perp$             |         | <u>↓</u> | $\sqcup \downarrow$ |         |                               | _      |         | 120      |                                     | Ш      |        |        |   |          |          | $\perp$           |   |
|            | 21       | <u> </u>                                     | Ш                | _             | _        | _        | _          |          |          |      |  | 71       |                     | $\bot$  |          | $\sqcup$            |         | ot                            | _      |         | 121      |                                     | Ш      |        |        |   |          |          |                   |   |
| L          | 22       | L  |                  | _             | _        | _        | _          |          |          | _    |  | 72       |                     |         | ⊥_       | $\sqcup$            |         | ot                            | ]      |         | 122      |                                     | Ш      |        |        |   |          |          |                   |   |
|            | 23       |  | Ш                |               | _        |          | _          |          |          | ᆚ    |  | 73       |                     |         | 1        | Ш                   |         |                               | _      |         | 123      |                                     | Ш      |        |        |   |          |          |                   |   |
| <u> </u>   | 24       |  |                  | _             | ļ        |          | _          | $\Box$   | _        |      |  | 74       | $\perp$             |         |          | Ш                   |         | L.↓                           | 4      |         | 124      |                                     | Ш      |        | Ш      |   |          |          | $\perp$           |   |
| <u> </u>   | 25       |  | Ш                |               | _        | _        |            |          | _        |      | لسا  | 75       |                     | _       | _        | Ш                   |         | Щ.                            | _ :::: | L       | 125      |                                     | Ш      |        | Ш      |   |          |          | _                 |   |
| <u> </u>   | 26       |  | Ш                | _             | _        | _        |            |          | _        | _    |  | 76       |                     | _       | ┷        | $\sqcup$            |         |                               | _      |         | 126      | _                                   |        |        |        |   |          |          | _                 | _ |
|            | 27       |  |                  | _             |          | _        | _          | _        | _        | _    | $\sqcup$   | 77       |                     |         | ↓_       | Ш                   |         | <u> </u>                      | 4      |         | 127      | L.                                  | Щ      | Ш      |        |   | _        |          | _                 |   |
|            | 28       | _  | _                | _             | _        | $\dashv$ | _          |          |          | 4    | L  | 78       | $\perp$             | _       |          | Ш                   |         | $oxed{oxed}$                  | 4      |         | 128      |                                     | Щ      |        | Ш      |   |          | _        | _                 |   |
|            | 29       |  | $\sqcup$         | _             | _        | _        | $\dashv$   |          |          | 4    | L  | 79       |                     | Ш.      |          | Ш                   |         | $oxed{oxed}$                  | _      |         | 129      |                                     | Щ      |        |        |   |          |          | _                 |   |
|            | 30       |  | Ш                | _             |          | _        | _          |          | _        | _    |  | 80       | Щ.                  |         |          | Ш                   |         | L.L.                          |        |         | 130      |                                     | Ш      |        |        |   | $\Box$   | _        | _                 |   |
|            | 31       |  |                  |               |          | _        | _          |          | _ .      | _[   |  | 81       |                     |         |          | $\sqcup \bot$       |         |                               | _      |         | 131      | _                                   | Ш      |        |        |   |          | $\perp$  |                   |   |
| <u></u>    | 32       | <u> </u>                                     | Ш                | _             |          |          | _          | Ц        | _        | _    | $oxed{oxed}$   | 82       | $\vdash$            | _       | $\perp$  | $\sqcup$            |         | oxdot                         | _      |         | 132      |                                     | Ш      |        |        |   | $\Box$   | $\bot$   |                   |   |
| <u> </u>   | 33       | <u> </u>                                     | Щ                | _             | _        |          | _          |          | _        | _    | igsquare   | 83       | ot                  | $\perp$ | 1_       | $\sqcup$            |         |                               | _      |         | 133      | Ц.                                  | Ш      |        | Ш      |   |          |          |                   |   |
| <u> </u>   | 34       | L  | $\sqcup$         | _             | _        | _        | _          |          | 4        | _    | <u> </u>   | 84       | $\sqcup$            |         | _        | $\sqcup$            |         | oxdot                         | 4      |         | 134      | _                                   | Ш      |        | $\Box$ |   | $\Box$   | $\perp$  | $\perp$           |   |
|            | 35       | <u> </u>                                     | $\sqcup$         | _             |          | _        | ļ          | _        | 4        | _    | L  | 85       | $\vdash \vdash$     | $\perp$ | $\perp$  | $\sqcup$            |         | $oxed{oxed}$                  | 4      |         | 135      | <u> </u>                            | Ш      |        |        |   |          |          |                   |   |
|            | 36       | <u> </u>                                     | Щ                | _             |          | _        | _          | _        | 4        | _    | Щ.   | 86       | $\sqcup$            | $\bot$  | $\perp$  | $\sqcup$            |         | ot                            | J      |         | 136      |                                     | Ш      |        |        |   |          |          | _[                |   |
| <u> </u>   | 37       |  | $\sqcup$         | $\rightarrow$ | _        | _        | _          | $\Box$   | 4        | _    | Щ  | 87       | $\sqcup$            |         | $\perp$  | $\sqcup$            | $\perp$ | $\perp$                       | J      |         | 137      | _                                   | Ш      |        | $\Box$ |   | Ц        | _[       | _[                |   |
| <u> </u>   | 38       | L  | ${oxdot}$        | _             | _        | _        | _          |          | _        | _    | lacksquare   | 88       | ├                   | 4       | 1_       | $\sqcup$            |         | $oxed{oxed}$                  | _[     |         | 138      | _                                   | Ш      |        |        |   | Ш        |          | $\perp$           |   |
| <u> </u>   | 39       | <u> </u>                                     | $\vdash \vdash$  | 4             |          |          |            | $\dashv$ | $\dashv$ | _    | ļ  | 89       | $\vdash \downarrow$ | $\bot$  | $\perp$  | $\sqcup$            |         | oxdot                         | 4      |         | 139      | Ш                                   | Щ      |        | Ш      |   |          |          |                   |   |
| <u></u>    | 40       | ļ  | $\sqcup$         | _             | _        | _        | _          | _        | $\dashv$ | _    | Ь  | 90       | $\vdash$            | 4-      | _        | $\sqcup$            | $\bot$  | $\perp$                       | _      |         | 140      | L.,                                 | Ш      |        | Ш      | Щ |          |          |                   | _ |
| ├          | 41       | <u> </u>                                     | $\vdash \vdash$  | _             | _        |          | _          | _        | $\dashv$ | 4    | igsquare   | 91       | <del>     </del>    |         | _        | $\sqcup$            |         | $- oldsymbol{\perp}$          | _      |         | 141      |                                     | Ш      | $\Box$ |        | Ш | $\sqcup$ | $\Box$   | _                 |   |
| <u> </u>   | 42       | ļ  | ${oxed{\sqcup}}$ | _             | $\dashv$ |          | 4          | $\dashv$ | _        | _    |  | 92       | oxdot               | _       | 4-       | $\sqcup$            | 4       | otaclus                       | _      |         | 142      | lacksquare                          | Ш      |        | Ш      |   | Щ        | $\perp$  | _                 |   |
| <u> </u>   | 43       | ļ  | Н                | _             | $\dashv$ | _        |            | $\Box$   | _        | _    |  | 93       | $\vdash$            | _       | 4        | $\sqcup$            |         |                               | _      |         | 143      | lacksquare                          | Ш      |        |        |   | Ш        | $\dashv$ | $\dashv$          |   |
| <u> </u>   | 44       | _  | ${oxed}$         | 4             |          | _        | 4          | $\Box$   | _        | 4    |  | 94       | -                   | _       | $\bot$   | $\sqcup$            | +       |                               | 4      |         | 144      | Ш                                   | Ш      | Ш      | Щ      |   | $\perp$  | $\perp$  |                   |   |
| ļ          | 45       | <u> </u>                                     | Ш                |               | _        | _        | _          | _        | _        | _    | $\square$  | 95       | $\sqcup$            | $\bot$  | $\bot$   |                     | 4       |                               | 4      |         | 145      | Ш                                   | Щ      |        |        |   |          |          |                   |   |
| <u> </u>   | 46       | <u> </u>                                     | ⊢₊               | 4             | _        | _        |            |          | 4        | _    | <b> </b>   | 96       | $\vdash \vdash$     | 4_      | ╄-       | $\sqcup$            | -       | $\sqcup \bot$                 | ┦∭     |         | 146      |                                     | Ш      |        |        |   |          | _        | _                 |   |
| <b>├</b>   | 47       | <u> </u>                                     | $\sqcup$         | _             | 4        | _        |            | _        | _        | _    | <b> </b>   | 97       | $\vdash \vdash$     | 4       | ↓_       | $\sqcup$            | $\bot$  | ot                            | 4      |         | 147      | Ш                                   | Ш      | _      |        |   |          |          |                   |   |
| <u> </u>   | 48       | _  | $\sqcup$         | _             | _        | _        |            | _        | 4        | _    |  | 98       |                     | $\bot$  | 4_       | $\sqcup \bot$       | $\perp$ |                               | J‱I    |         | 148      |                                     |        |        |        |   |          |          |                   |   |
| <u> </u>   | 49       | L  | $\sqcup$         | _             | _        | _        | ļ          | $\Box$   | $\dashv$ | _    | $oxed{oxed}$   | 99       | $\sqcup$            | $\perp$ | _        |                     | $\perp$ |                               |        |         | 149      |                                     | $\Box$ |        |        |   |          |          | $oldsymbol{\bot}$ |   |
| Ц          | 50       |  | Ш                |               | $\perp$  |          | $_{\perp}$ | $\Box$   | $\perp$  | ]    |  | 100      |                     | -1      | 1        | $\Box$              |         |                               | 1::::  |         | 150      |                                     |        |        |        |   |          | Т        | Т                 |   |